



SEQUENCE LISTING

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<120> METHODS FOR ISOLATION OF OSTEOCLAST PRECURSOR CELLS AND INDUCING THEIR DIFFERENTIATION INTO OSTEOCLASTS

<130> 197679US0PCT

<140> 09/646,899

<141> 2000-10-10

<150> JAPAN 95962/1998

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<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 467

<212> DNA

<213> Homo sapiens

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<221> CDS

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			1				5					

gtg	ctc	ctg	gcc	tcc	ctc	ctg	agt	ctc	cac	ctt	gga	act	gcc	aca	cgt	102
Val	Leu	Leu	Ala	Ser	Leu	Leu	Ser	Leu	His	Leu	Gly	Thr	Ala	Thr	Arg	
10					15					20					25	

ggg	agt	gac	ata	tcc	aag	acc	tgc	tgc	ttc	caa	tac	agc	cac	aag	ccc	150
Gly	Ser	Asp	Ile	Ser	Lys	Thr	Cys	Cys	Phe	Gln	Tyr	Ser	His	Lys	Pro	
				30					35						40	

ctt	ccc	tgg	acc	tgg	gtg	cga	agc	tat	gaa	ttc	acc	agt	aac	agc	tgc	198
Leu	Pro	Trp	Thr	Trp	Val	Arg	Ser	Tyr	Glu	Phe	Thr	Ser	Asn	Ser	Cys	
			45					50							55	

tcc	cag	cgg	gct	gtg	ata	ttc	act	acc	aaa	aga	ggc	aag	aaa	gtc	tgt	246
Ser	Gln	Arg	Ala	Val	Ile	Phe	Thr	Thr	Lys	Arg	Gly	Lys	Lys	Val	Cys	

60	65	70	
acc cat cca agg aaa aaa tgg gtg caa aaa tac att tct tta ctg aaa			294
Thr His Pro Arg Lys Lys Trp Val Gln Lys Tyr Ile Ser Leu Leu Lys			
75	80	85	
act ccg aaa caa ttg tgactcagct gaattgtcat ccgaggacgc ttggaccccg			349
Thr Pro Lys Gln Leu			
90			
ctcttggctc tgcagccctc tggggagcct gcggaatctt ttctgaaggc tacatggacc			409
cgctggggag gagagggtgt ttcctcccag agttacttta ataaagggtg ttcatatg			467
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Cys Cys Phe Gln Tyr Ser His Lys Pro Leu Pro Trp Thr Trp Val Arg			
	35	40	45
Ser Tyr Glu Phe Thr Ser Asn Ser Cys Ser Gln Arg Ala Val Ile Phe			
	50	55	60
Thr Thr Lys Arg Gly Lys Lys Val Cys Thr His Pro Arg Lys Lys Trp			
	65	70	75
Val Gln Lys Tyr Ile Ser Leu Leu Lys Thr Pro Lys Gln Leu			
	85	90	